

Resource Summary Report

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IEEE

RRID:SCR_008314

Type: Tool

Proper Citation

IEEE (RRID:SCR_008314)

Resource Information

URL: http://www.ieee.org/portal/site/iportals?WT.mc_id=hplogo_uyleft

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Description: IEEE is the worlds largest professional association advancing innovation and technological excellence for the benefit of humanity. IEEE and its members inspire a global community to innovate for a better tomorrow through its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted voice for engineering, computing and technology information around the globe. Through its global membership, IEEE is a leading authority on areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics among others. Members rely on IEEE as a source of technical and professional information, resources and services. To foster an interest in the engineering profession, IEEE also serves student members in colleges and universities around the world. Other important constituencies include prospective members and organizations that purchase IEEE products and participate in conferences or other IEEE programs. IEEE has: - more than 375,000 members in more than 160 countries; 45 percent of whom are from outside the United States -more than 80,000 student members -329 sections in ten geographic regions worldwide -1,860 chapters that unite local members with similar technical interests -1,789 student branches in 80 countries -483 student branch chapters at colleges and universities -390 affinity groups -- IEEE Affinity Groups are non-technical sub-units of one or more Sections or a Council. The Affinity Group patent entities are Consultants' Network, Graduates of the Last Decade (GOLD), Women in Engineering (WIE) and Life Members (LM) IEEE"s core purpose is to foster technological innovation and excellence for the benefit of humanity. It will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

Synonyms: IEEE

Resource Type: data or information resource, community building portal, portal

Keywords: electric, electronic, engineering, aerospace, biomedical, computer, computing, conference, consumer, humanity, information, innovation, power, publication, system, technological, technology, telecommunication

Funding:

Resource Name: IEEE

Resource ID: SCR_008314

Alternate IDs: nif-0000-24668

Record Creation Time: 20220129T080246+0000

Record Last Update: 20250516T053908+0000

Ratings and Alerts

No rating or validation information has been found for IEEE.

No alerts have been found for IEEE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 550 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Hafeez Y, et al. (2025) Explainable AI in Diagnostic Radiology for Neurological Disorders: A Systematic Review, and What Doctors Think About It. *Diagnostics* (Basel, Switzerland), 15(2).

Park S, et al. (2025) IMU Sensor-Based Worker Behavior Recognition and Construction of a Cyber-Physical System Environment. *Sensors* (Basel, Switzerland), 25(2).

Han X, et al. (2025) A Comprehensive Review of Vision-Based Sensor Systems for Human Gait Analysis. *Sensors* (Basel, Switzerland), 25(2).

Kates JM, et al. (2025) Binaural speech intelligibility for combinations of noise, reverberation, and hearing-aid signal processing. *PloS one*, 20(1), e0317266.

Zhao H, et al. (2025) The value of deep learning-based X-ray techniques in detecting and classifying K-L grades of knee osteoarthritis: a systematic review and meta-analysis. *European radiology*, 35(1), 327.

Liu X, et al. (2025) Surrogate-assisted global and distributed local collaborative optimization algorithm for expensive constrained optimization problems. *Scientific reports*, 15(1), 1728.

Stegg K, et al. (2025) A Review of Needle Navigation Technologies in Minimally Invasive Cardiovascular Surgeries-Toward a More Effective and Easy-to-Apply Process. *Diagnostics (Basel, Switzerland)*, 15(2).

Chodorek A, et al. (2025) Web Real-Time Communications-Based Unmanned-Aerial-Vehicle-Borne Internet of Things and Stringent Time Sensitivity: A Case Study. *Sensors (Basel, Switzerland)*, 25(2).

Alotaibi B, et al. (2025) Cybersecurity Attacks and Detection Methods in Web 3.0 Technology: A Review. *Sensors (Basel, Switzerland)*, 25(2).

Chamorro-Padial J, et al. (2025) Agriculture data sharing review. *Heliyon*, 11(1), e41109.

Feng T, et al. (2024) Curcumol Enhances the Sensitivity of Gastric Cancer to Cisplatin Resistance by Inducing Ferroptosis Through the P62/KEAP1/NRF2 Pathway. *Integrative cancer therapies*, 23, 15347354241294043.

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Parsaei Z, et al. (2024) Functional and Nonfunctional Requirements of Virtual Clinic Mobile Applications: A Systematic Review. *International journal of telemedicine and applications*, 2024, 7800321.

Tucudean G, et al. (2024) Natural language processing with transformers: a review. *PeerJ. Computer science*, 10, e2222.

Eid A, et al. (2024) Dynamic arithmetic optimization algorithm control of distributed generations for demand balancing and enhancing power quality of unbalanced distribution systems. *Scientific reports*, 14(1), 31648.

Sousa B, et al. (2024) Vehicle-to-Vehicle Flooding Datasets using MK5 On-board Unit Devices. *Scientific data*, 11(1), 1363.

Cibrian FL, et al. (2024) Digital assessments for children and adolescents with ADHD: a scoping review. *Frontiers in digital health*, 6, 1440701.

Kumar BA, et al. (2024) Hybrid genetic algorithm-simulated annealing based electric vehicle

charging station placement for optimizing distribution network resilience. *Scientific reports*, 14(1), 7637.

Seifzadeh S, et al. (2024) Exploring the technological dimension of Autonomous sensory meridian response-induced physiological responses. *PeerJ*, 12, e17754.

Ahmed SS, et al. (2024) Systematic review of the effectiveness of standalone passive countermeasures on microgravity-induced physiologic deconditioning. *NPJ microgravity*, 10(1), 48.